



Status CAIS and CostWorks

October 19, 2010

Ruth Ann Smith

Communications with Sites

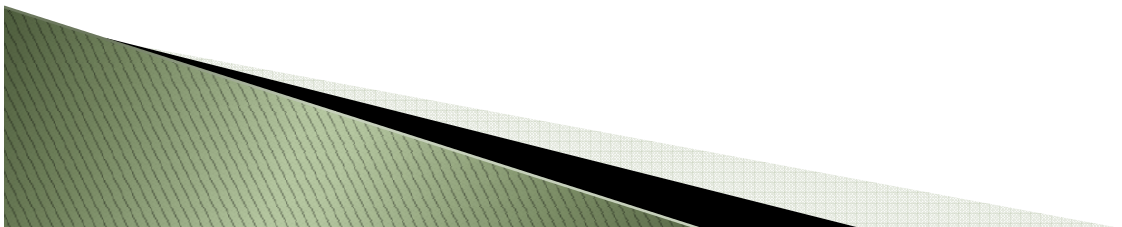
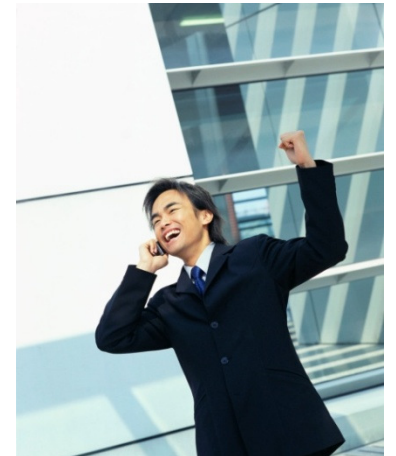
► EES Points of Contact

- Ruth Ann Smith 301-903-8647
- Ken Rowe 301-903-8644
- Bill Fox 301-903-8825



Communications with Sites

- ▶ Monthly meetings via conference call
- ▶ Annual Condition Assessment Group Meeting
- ▶ Phone calls and emails
 - Responding to users feedback, requests for help,
 - Resetting user passwords
 - Adding new facilities to the application
 - Updating data element references due to changes in FIMS and the RS Means cost data
 - Calls that involved action
 - Average 15 to 20 a month



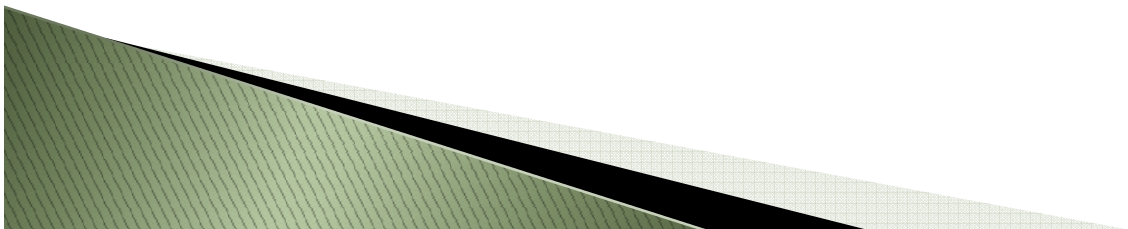
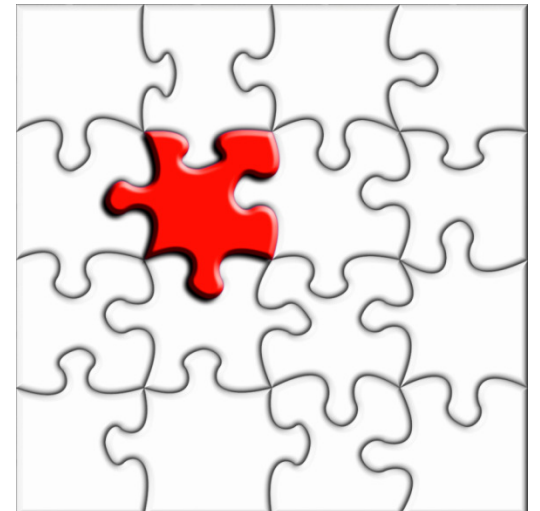
Ongoing Improvements

► Enhancements

- Adding new functionality
 - to adapt to changes in the application or respond to requests or changes in the core business activities

► Corrections

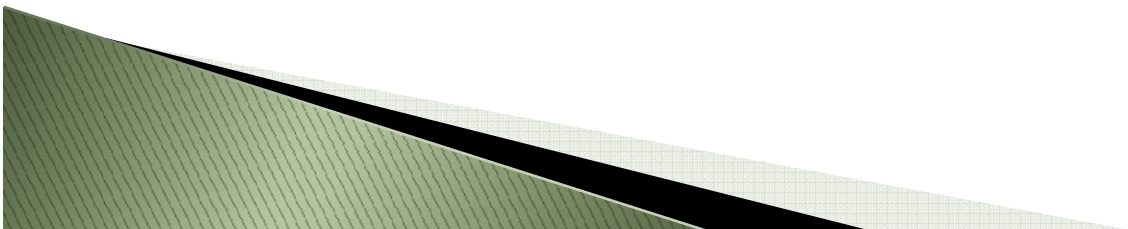
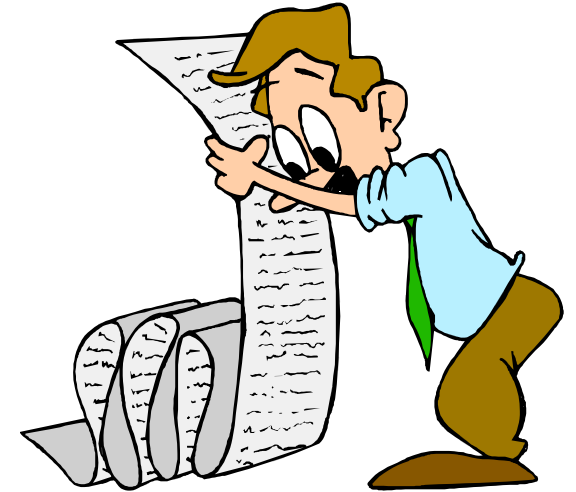
- Modifying code or modules
 - to correct problems discovered by support staff or reported by users



Each Release

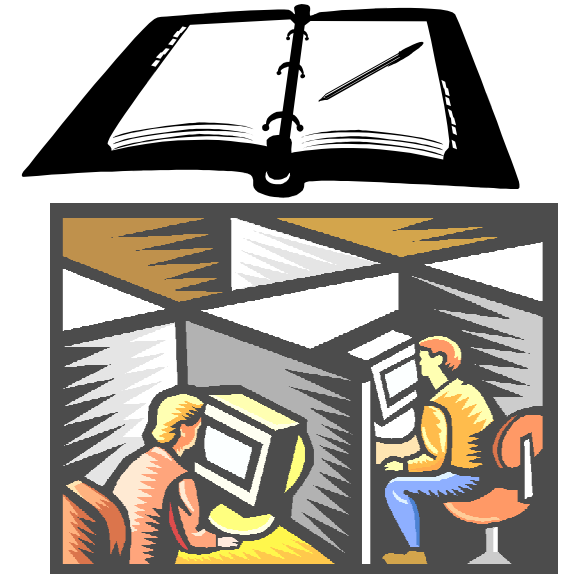
► Enhancement Requirements

- Documented as received
 - in Traceability Database
 - Review Database – which has all enhancements
 - to locate similar items and “top 5” priorities
- When new functionality is being added
 - Provide detail of functionality, alternate solutions, risks
 - Reviewed & documented in a Requirements Document
 - peer reviewed by CAIS support team
 - peer reviewed by user community
- Required new test cases are documented
- Estimates of time to complete are determined



Each Release

- ▶ Coding
- ▶ Unit testing (Ken)
- ▶ System testing (Ruth Ann)
- ▶ CAIS User Guide/other documents revised when appropriate
- ▶ Revisions are peer reviewed
- ▶ User testing/acceptance
- ▶ Release is moved to production
- ▶ Lessons-learned documented
- ▶ Training materials are updated

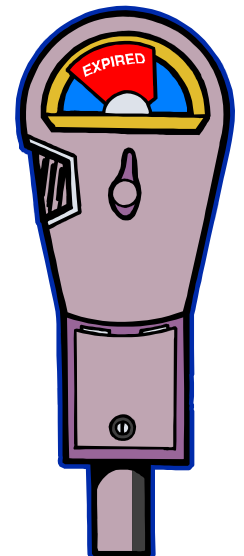


CAIS Enhancements

- ▶ New Enhancements
 - 40 since our last meeting



- ▶ Old Enhancements
 - There are a number of older enhancements
 - we will present tomorrow for possible deletion from the list



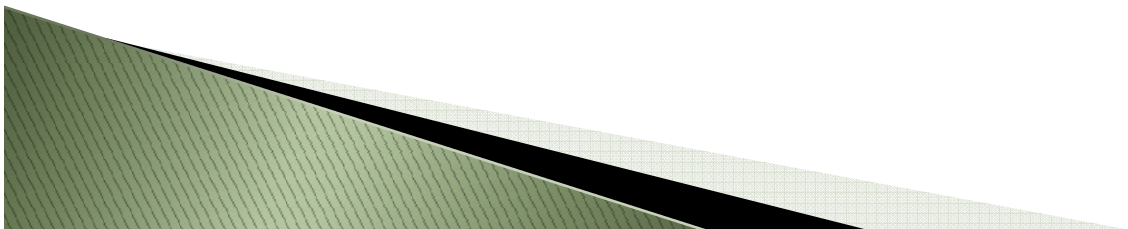


► Issues

1. The calculator sometimes returns roof replacement and roof repair in the same year. When an assembly is replaced it becomes "new" for the purpose of maintenance.
2. Incomplete mapping and/or nonexistent maintenance tasks for maintenance intensive assemblies (e.g. elevators).
3. There are mapping issues discovered by Y12/LLNL.

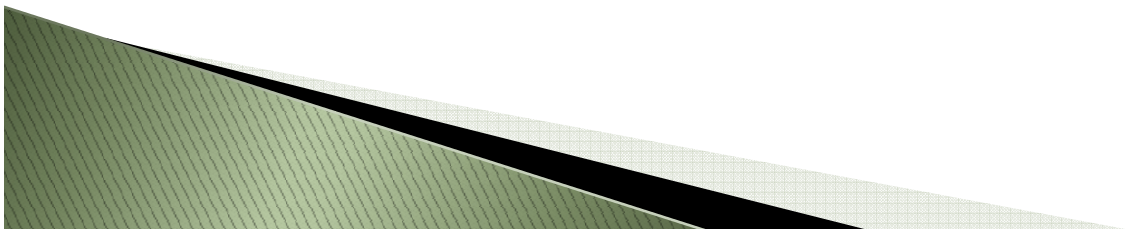
► Portfolio Module

- Committee report



Current CAIS Users

- ▶ **EE** – NREL
- ▶ **EM**
 - Paducah, Portsmouth Gaseous, Hanford Site, Richland
 - WIPP, Savannah River Site
- ▶ **FE** – NETL (Pittsburgh and Morgantown)
- ▶ **NE** – INL
- ▶ **NNSA**
 - LLNL, LANL, NNSS, Pantex, Sandia, Y12
 - Office of Secure Transportation
 - Central Training Facility–Oak Ridge



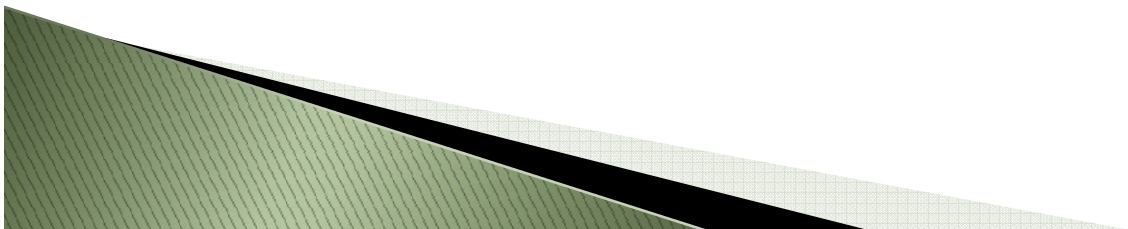
Users Who Receive



- 
- A light green map of the United States with a dark green border, serving as a background for the list of users.
- ▶ NNSA
 - ▶ OECM
 - ▶ SC
 - ▶ Albuquerque, Chicago Field, Oak Ridge Offices
 - ▶ NE – INL
 - ▶ EE – NREL
 - ▶ FE – METC, PETC
 - ▶ EM – Paducah, Portsmouth
 - ▶ EM – HQ

Ongoing Technical Support

- ▶ Windows 7
 - We have tested CAIS with Windows 7 and it ran successfully
- ▶ CAIS and FIMS Database Administration
 - We upgraded to Oracle 11g
- ▶ CAIS Public Website
 - We add presentations, documents, Netlist



CAIS and FIMS Hardware/ Database Administration

maintenance of application server hardware,
operating system and web site hosting software

- Runs backups
- Installs& configures Oracle software, patches, upgrades
- Tunes database performance
- Monitors database audit logs
- **Unlocks user accounts**
- Participates in annual
Certification and Accreditation

Bill Fox



Certification and Accreditation

- Security patches
- Vulnerability scans
- Annual Security Plan revisions
 - Continuity of Operations
 - Configuration Management

